

**REMOTE SENSING IN THE IR**  
**ROUNDTABLE DISCUSSION TOPICS**

- 1) Angular dependence of scan mirror emissivity
  - a. Pre-launch measurement
  - b. Post-launch measurement
- 2) Scattered light in the IR
- 3) Polarization in the IR
- 4) Scan mirror temperature measurement
- 5) Level 1B calibration algorithms for thermal bands
- 6) Fire-band calibration
- 7) Use of the fore-optics scan cavity as a second blackbody
- 8) Algorithms for thermal band products

## **REMOTE SENSING IN THE IR**

### **ROUNDTABLE DISCUSSION**

#### **ACTION ITEMS**

- 1) Full swath scan of deep space is vital - continue requesting
- 2) Consider possibility of new coating on scan mirror
- 3) Continue studying use of second "blackbody"
- 4) Examine possibility of acquiring MAS IR polarization data
- 5) Search for CO<sub>2</sub> laser polarization data (J.Smith)
- 6) Complete and analyze new scan mirror temperature measurement design
- 7) Forward latest level 1B IR calibration algorithm to ST for review
- 8) Examine approaches for post-launch validation of IR radiances